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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/764,875

DATE: 07/05/2001  
TIME: 09:45:18

Input Set : D:\PJZ02\_seqList.txt  
Output Set: N:\CRF3\07052001\I764875.raw

P.S.

1 <110> APPLICANT: Rosen et al.  
3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
5 <130> FILE REFERENCE: PJZ02  
C--> 7 <140> CURRENT APPLICATION NUMBER: US/09/764,875  
C--> 7 <141> CURRENT FILING DATE: 2001-01-17  
7 <150> PRIOR APPLICATION NUMBER: 60/179,065  
8 <151> PRIOR FILING DATE: 2000-01-31  
10 <150> PRIOR APPLICATION NUMBER: 60/180,628  
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14 <151> PRIOR FILING DATE: 2000-06-28  
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17 <151> PRIOR FILING DATE: 2000-07-11  
19 <150> PRIOR APPLICATION NUMBER: 60/225,758  
20 <151> PRIOR FILING DATE: 2000-08-14  
22 <150> PRIOR APPLICATION NUMBER: 60/220,963  
23 <151> PRIOR FILING DATE: 2000-07-26  
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32 <151> PRIOR FILING DATE: 2000-07-14  
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35 <151> PRIOR FILING DATE: 2000-08-14  
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ENTERED

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139 <150> PRIOR APPLICATION NUMBER: 60/236,370  
140 <151> PRIOR FILING DATE: 2000-09-29  
142 <150> PRIOR APPLICATION NUMBER: 60/236,802

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169 <150> PRIOR APPLICATION NUMBER: 60/249,216  
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178 <150> PRIOR APPLICATION NUMBER: 60/225,759  
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187 <150> PRIOR APPLICATION NUMBER: 60/225,214  
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193 <150> PRIOR APPLICATION NUMBER: 60/230,438  
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196 <150> PRIOR APPLICATION NUMBER: 60/215,135  
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214 <150> PRIOR APPLICATION NUMBER: 60/249,207  
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Input Set : D:\PJ202\_seqList.txt

Output Set: N:\CRF3\07052001\I764875.raw

217 <150> PRIOR APPLICATION NUMBER: 60/249,245  
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220 <150> PRIOR APPLICATION NUMBER: 60/249,244  
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226 <150> PRIOR APPLICATION NUMBER: 60/249,211  
227 <151> PRIOR FILING DATE: 2000-11-17  
229 <150> PRIOR APPLICATION NUMBER: 60/249,215  
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253 <150> PRIOR APPLICATION NUMBER: 60/231,414  
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289 <150> PRIOR APPLICATION NUMBER: 60/231,243

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290 <151> PRIOR FILING DATE: 2000-09-08  
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295 <150> PRIOR APPLICATION NUMBER: 60/232,398  
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308 <151> PRIOR FILING DATE: 2000-11-08  
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313 <150> PRIOR APPLICATION NUMBER: 60/246,526  
314 <151> PRIOR FILING DATE: 2000-11-08  
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358 <150> PRIOR APPLICATION NUMBER: 60/251,030  
359 <151> PRIOR FILING DATE: 2000-12-05  
361 <150> PRIOR APPLICATION NUMBER: 60/251,479  
362 <151> PRIOR FILING DATE: 2000-12-06

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 07/05/2001

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Input Set : D:\PJZ02\_seqList.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application No  
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:367 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
L:376 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
L:414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:1009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:1033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:1034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:1227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:1427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:1725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:1923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:1934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:1939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:1995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:2174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
L:2205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58  
L:2281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:2282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:2313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:2314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:2398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64

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L:2438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:2509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:2510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:2652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72  
L:2798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:2878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78